

DECLARATION, POWER OF ATTORNEY, AND PETITION

As an inventor named below, I declare that:

My residence, post office address, and citizenship are correctly identified.

I believe I am the original, first, and sole inventor (if only one name is listed below), or an original, first, and joint inventor (if more than one name is listed below) of the subject matter of the invention which is claimed in, and for which a U.S. patent is sought on, a U.S. Patent application entitled:

SHALLOW TRENCH ISOLATION FILL BY LIQUID PHASE DEPOSITION OF SiO2.

the specification of which (check one below):

()	is attached to this document.
(/)	was filed on <u>December 11, 2003</u> as Application No. <u>10/732,953</u> or Express Mail No, and was amended on (if applicable).
()	was filed on as PCT International Application No, and amended under PCT Article 19 on (if any).

I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability, as defined in Title 37, Code of Federal Regulations, §1.56.

I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and also have identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Applicat	ion(s)		Priority Claimed?
(Number)	(Country)	Day/Month/Year Filed	() Yes () No
(Number)	(Country)	Day/Month/Year Filed	() Yes () No
(Number)	(Country)	Day/Month/Year Filed	() Yes () No
claims of this applica provided by the first p disclose to the United material to patentability	tion is not disclosed in the aragraph of Title 35, Unite I States Patent and Trademy, as defined in Title 37, Colling date of the prior applic	the extend that the subject me prior United States applicated States Code, §112, I acknowled Office all information lade of Federal Regulations, § sation and the national or PCT	tion in the manner owledge the duty to known to me to be 1.56 which became
(Application No.)	(Filing Date)	(Status: Patented, Pendi	ng, or Abandoned)
(Application No.)	(Filing Date)	(Status: Patented, Pendi	ng, or Abandoned)
(Application No.)	(Filing Date)	(Status: Patented, Pendi	ng, or Abandoned)

I appoint John D. Poffenberger (R. No. 20,245), Bruce Tittel (R. No. 22,324), Donald F. Frei (R. No. 21,190), David J. Josephic (R. No. 22,849), David S. Stallard (R. No. 25,930), J. Robert Chambers (R. No. 25,448), Gregory J. Lunn (R. No. 29,945), Kurt L. Grossman (R. No. 29,799), Clement H. Luken, Jr. (R. No. 32,742), Thomas J. Burger (R. No. 32,662), Gregory F. Ahrens (R. No. 32,957), Wayne L. Jacobs (R. No. 35,553), Kurt A. Summe (R. No. 36,023), Kevin G. Rooney (R. No. 36,330), Keith R. Haupt (R. No. 37,638), Theodore R. Remaklus (R. No. 38,754), Thomas W. Humphrey (R. No. 34,353), Scott A. Stinebruner (R. No. 38,323), David H. Brinkman (R. No. 40,532), Thomas W. Flynn (R. No. 21,097), Joseph R. Jordan (R. No. 25,686), C. Richard Eby (R. No. 25,854), David E. Pritchard (R. No. 38,273), J. Dwight Poffenberger, Jr. (R. No. 35,324), Beverly A. Lyman, Ph.D. (R. No. 41,961), Kristi L. Davidson (R. No. 44,643), P. Andrew Blatt, Ph.D. (R. No. 44,540), David E. Jefferies (R. No. 46,800), William R. Allen, Ph.D. (R. No. 48,389), John Paul Davis (R. No. 52,798), Douglas A. Scholer (R. No.

52,197), David W. Dorton (R. No. 51,625), G. Prabhakar Reddy (R. No. 47,890), Wesley L. Strickland (VA, DC Bar only) (R. No. 44,363), all of Wood, Herron & Evans, L.L.P., 2700 Carew Tower, 441 Vine Street, Cincinnati, OH 45202-2917, and William J. McGinnis, Jr. (R. No. 25,698), James R. Nock (R. No. 42,937), Steven W. Roth (R. No. 34,712), Leslie J. Payne (R. No. 26,378), Grant A. Johnson (R. No. 42,696), Robert R. Williams (R. No. 48,395), John E. Hoel (R. No. 26,279), Christopher A. Hughes (R. No. 26,914), Stanley B. Green (R. No. 24,351), and Joseph C. Redmond, Jr. (R. No. 18,753), care of INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, Armonk, New York 10504, to be my attorneys or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected with this application.

Please address all correspondence and telephone calls to:

IBM Corporation Intellectual Property Law, Dept. 917 3605 Highway 52 North Rochester, MN 55901-7829 Telephone (513) 241-2324 Facsimile (513) 241-6234 Customer Number 30206

I request that the United States Patent and Trademark Office grant a U.S. patent for the invention described and claimed in the specification identified above.

I declare that all statements made in this document of my own knowledge are true, and that all statements made on information and belief are believed to be true; further I declare that these statements were made with the knowledge that willful false statements are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that willful false statements may jeopardize the validity of the application or any patent issued from the application.

Full name of Inventor Mark Charles Hakey	
Inventor's Signature Mark Charles Hak	Date 3/14/04
Residence City/State Fairfax, Vermont	Citizenship <u>USA</u>
Post Office Address 15 Bellows Street, Fairfax, Vermont 05454	

Full name of Inventor Steven John Holmes	_	
Inventor's Signature John Hulnes	_Date_	3/24/2008
Residence City/State Guilderland, New York	_Citize	nship <u>USA</u>
Post Office Address 103 Guilder Lane, Apt. 11, Guilderland, New York 12084		
Full name of Inventor David Vactav Horak		
Inventor's Signature for the first figure for the f	_Date_	3/24/2004
Residence City/State Essex Junction, Vermont	_Citize	nship <u>USA</u>
Post Office Address 47 Briar Lane, Essex Junction, Vermont 05452		
Full name of Inventor Charles William Koburger, III		<u>.</u>
Inventor's Signature Charles, William Kaburnon III	_Date/	Mouch 24,2004
Residence City/State Delmar, New York	_Citize	nship <u>USA</u>
Post Office Address 40 Roweland Avenue, Delmar, New York 12054-3032		
Full name of Inventor Peter H. Mitchell		<u></u>
Inventor's Signature Peter H. Mitchell	_Date_	3-24-2009
Residence City/State Jericho, Vermont	_Citize	nship <u>USA</u>
Post Office Address 390 Vermont Route 15, Jericho, Vermont 05465		

Full name of Inventor Larry Alan Nesbit	
Inventor's Signature	Date
Residence City/State Williston, Vermont	Citizenship <u>USA</u>
Post Office Address 458 Wildflower Circle, Williston, Vermont 05495	